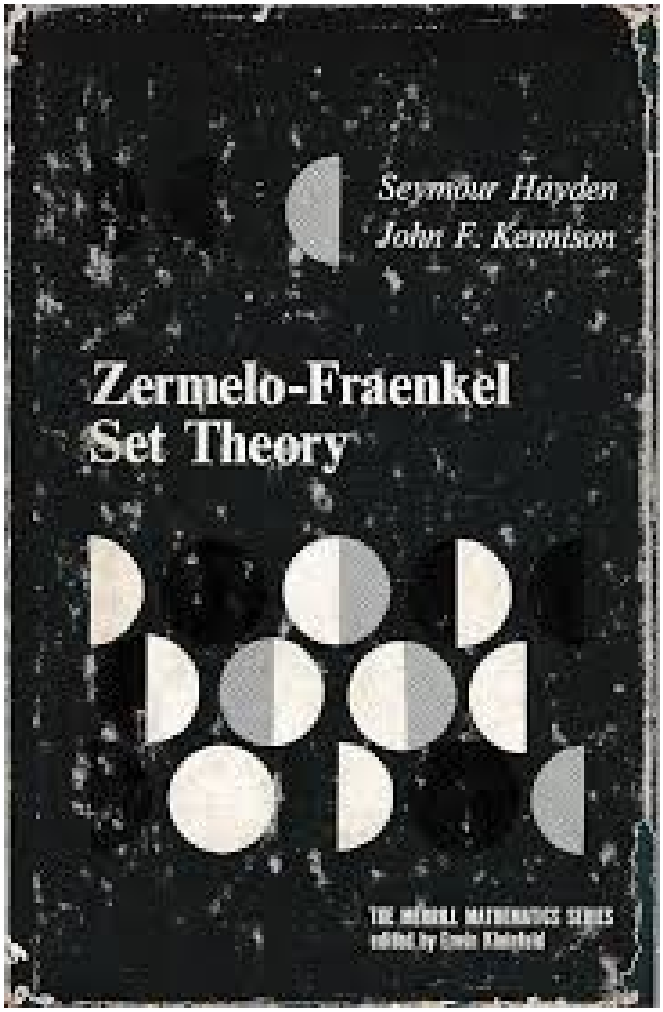
ZFC Set Theory



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Introduction

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I argue it is just line a number line converted to sets which become sets and collections of numbers as sets which have different levels of set progress called then

with surreal sets and finite sets – a diagonalized complex set theory which appears as formulae and symbolic structure.

Introduction

In the aesthetics of the cover image above then it means a certain joining of structure and

infinities which then is spliced together like a union between set elements a u b u c which is also a u b and a u c and b u c.

It means like an alternating series of numbers, like a staircase which is higher and lower.

Such things are ZFC compatible – when it has the lesser as part of

a higher – when even the finite sets are part of infinite sets.

Now the axiom of structure like this in independence is called (generic sets) and dependence and choice is called Von Neuman fragment sets and then joining of the set patterns is called surreal numbers and higher infinites.

So now ordinal and cardinal progress is simply alternating and choice and extended and line like developments of number series in complex articulation as –

A – c….choice, dependence and independence

It just means the process is like this – like a structure or in music - form which becomes a formalism. Like a simple line progress of higher and higher number lines and below them and around it a few surreal number lines. And altogether forming, joining and disjoining into choice and independence.

Even fragment axiom exists.

I. Structure with Axiom of Choice and Independence

First the axiom which is based on Zermelo-Fraenkel set theory, it is an axiom of structure, also called, Zermelo axiom which is bound to Fraenkel axiom and is together ZFC axiomatic system which though is

composed by Sirohi and Anindya Bhattacharya even Paul Cohen as a axiomatic system which means in fact Cantor and Godel and even Bourbaki and Tarski are just the regulation of ZFC which means basic set theory called ZFC.

II. Zermelo-Fraenkel in advanced mathematics

In fact then the process of ZFC is different from

ZFC set theory as structure and axiomatics because it is only the elementary operation of belonging and union taken to surjection which forms a long proof structure of diagonals and is simply the infinite ordinal without a full development of infinite ordinal progress, and so it means an elementary proof of ordinal with

one cardinal called a power set of ordinality.

This then is Cantor – a simple ordinal infinite, which Godel lessens to finite formalism which is together ZFC set theory – just the infinite and finite structure together for ordinal structure – it is like arguing that whole numbers, and odd numbers are what is being talked about with the additional

infinitesimal calculus involved in a full diagonalized progress towards just the odd and even numbers actually – so the least number set is in fact the set of finite full formalism called Hilbert.

It means finite and finitist with finite and infinite and then just infinite progress is basically the

diagonalized process of ZFC structure which means simple ZFC set theory is proven as –

A u B, and B u C

Just this process is being called Cantor and Godel – it is as simple then as numerical series being introduced to this as a formalism it means –

Numerical series 1 belongs to higher numerical series 2 and this then is surjected and lessened with the finite series being undecided propositions towards surjection.

It just means then that there is also finitism which means a formal system or formal order which is then Hilbert – the lesser than surjectible which means

strictly finite series and formalism.

II. Zermelo-Fraenkel system and structure of independence and choice – Paul Cohen, Bhattacharaya and Sirohi – recent innovations

So in fact the process is now more complex by following ZFC full

formalism – it just means

A u B u C is now the change to

Ci and Cii and Ciii

Which though is also

Ai and Bi and Ci as part of or belonging to Ci and Cii and Ciii

Now this means surreal number proofs which is as simple as –

Cantorian infinite, Godelian finite towards infinite and finitist series shifted to pure infinite progress and further infinite progress and further now with lesser and lesser at each infinite point which then is

Lesser and Higher and Higher as proven by the three recent in though now I mean for further research – the process of ZFC formalism which means – this structure goes to –

Structure and Formalism in independence and choice formalism

It means the infinite ordinal and limit ordinal

progress with lesser and higher based on Cantor-Godel finite and first infinite then is to be shifted to formalism as in fact –

A u B u C and Ci, Cii and Ciii

As then formalism – which means

The process of structure as in fact extended and

independent and even choice –

A – Ci

Such things.

Bi – Cii

A – Ci – Cii (formalism, and choice and independence)

It means now the proofs are structured formally

– that in fact surreal groups and infinite series and number series in the generic number groups is finally spliced together or unionised easily.

To integrate Cantor-Godel and finite progress to the formal infinite progress and lesser surreal.

Like a Kabbalah where the lower process is

part of higher but in complex assembling and joining and disjoining and systematic ways – which is how Cantor described the higher infinite with his process.